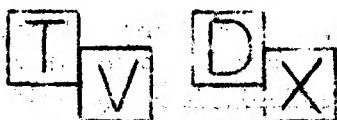


# American Ionospheric Propagation Association

Art Collins - President  
68 Amber Street  
Buffalo 20, N. Y.



King Schafer - V. Pres.  
360 Zimmerman Blvd.  
Kenmore 17, N.Y.

Volume 7, Number 3

March 6, 1960

Page One

A.I.P.A. BULLETIN---Published first week of each month. 12 issues per year. MEMBERSHIP---\$3.00 per year. Entitles you to monthly bulletins, report forms, membership card and miscellaneous items. Canadian membership \$3.50 - Foreign membership \$5.00. Payable to President.

## EDITORIAL...

This month I have good news for a change. I am very happy to report that Art is now home from the hospital (much sooner than expected), and is well on the road to complete recovery. Art wishes to express his deepest thank's for all the kind concern and get well cards received from you AIPA members during his ordeal. I know you will all join me in wishing him continued improvement from here on in.

The state of AIPA business now shifts back to Buffalo, although for the time being many extra AIPA duties will be carried out here in Kenmore. However dues, membership affairs, and all important AIPA matters now again can be sent directly to Art. All our operational policies are again back to normal, and special projects like Gordon Simkin's TV-ID program are again in effect. If there are any questions etc, please let us hear them.

At this time with all AIPA'ers in mind I wish to express to Walter Spaulding our deepest gratitude for the exacting work of producing that fine VHF television station list. This list which you received with the Feb. bulletin is exact and up to date, and should prove to be a valuable asset to your DXing efforts. I suggest you follow our FCC news page to keep your list up to the second.

Final results of the Convention site vote for 1960 are in, and this summer, I am glad to announce Chicago has been elected for our annual-traditional meeting. Upon checking the votes we find Chicago was chosen because of its central location. Our good host will be Tom Hidley and John Opyd, who really plan to provide us all with an enjoyable gathering. Final dates, plans, facts, etc. are not available yet, but we will pass this information on to you in coming bulletins. I really hope we will have a large turnout, and many of you as possible will attend. We don't have long boring speeches, nor grueling skull sessions. Just a plain old fashion, informal good time! Again on the convention vote, we wish to thank all others who offered the services and site for this affair. Don Roller and Carter Bays of Ft. Wayne and Culver, Indiana, and our kind convention host of 1956, Frank Hill of Gallipolis, Ohio. We still got 1961 to think of men. Hi.

Now for a sour note. It has reached AIPA headquarters that someone (who really represents someone else) has been circulating a form letter of sorts to many AIPA'ers asking they submit their DX totals for listing in the magazine of said someone else. Now this same someone else, who use to list DX totals I hear in another magazine yet, did so list, not so good! So all ye DXers be listed as you may, I only wish to say, you might hate the day you did-so list. Ahmen! At this semi-prone time I will point out that the AIPA has always listed DX totals straight forward, minus-someone else's - grudge!

To wind up, April is AIPA election period, so now is a good time to think over who you would like to vote for. The open posts will be Pres. Vice-Pres. and six board- members. And one more point. If you don't receive monthly report forms, drop Art a line... 73's King Schafer.....

Perhaps I'm overstepping my territory a little but I have a small amount of information which by all rights should be under FCC News. It comes from the January 25, 1960 edition of Television News, a trade publication. It concerns several stations which may prove to be new DX stations next summer. They are as follows:

CKSA, channel two, in Lloyminster, Alberta. It is suppose to begin operation in June. They use a Canadian built GE transmitter. Their power is not known by meself. They have a 605 foot tower.

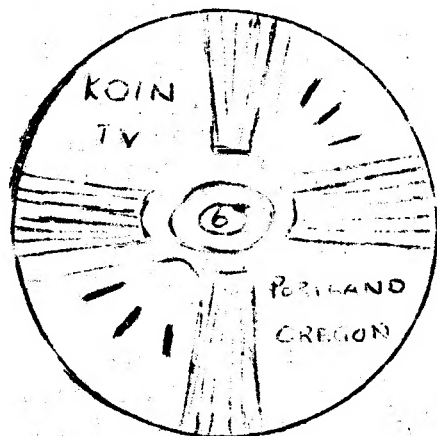
KDSJ, channel five in Lead, S.D., they were supposed to have gone on the air January 15 of this year. They are a satellite station of KRSD in Rapid City. They operate with 25 kw of power and a height (antenna) of 222 feet.

KORN, channel five, in Mitchell, S.D., supposedly began operation the first of the year. They use a 5 kw transmitter and 500 foot tower with an RCA antenna.

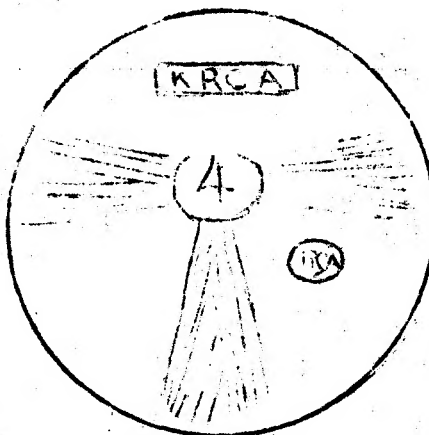
KXII, channel 12, Ardmore-Sherman-Denison, Oklahoma-Texas, went up in power from 11 kws to 214 kws. They utilize a 1,032 foot tower. You southwestern DXers keep an eye on this one.

Below I'm attempting to publish the latest sign on times for Oregon television stations.

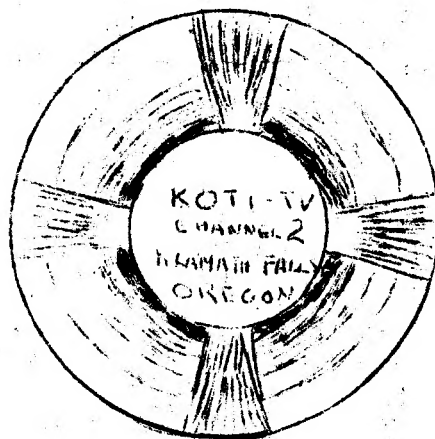
Channel	Sign on P.S.T.	Test Pattern	Location
KOTI Two	10:45 AM (weekdays)	Bullseye	Klamath Falls, Oregon
KPIC Four	9:30 AM	RTMA unid	Roseburg, Oregon
KBES Five	9:30 AM	Bullseye	Medford, Oregon
KOIN Six	6:15 AM	Wedge Identified	Portland, Oregon
KOAC Seven	4:30 PM	Bullseye	Corvallis, Oregon
KGW Eight	5:30 AM	Color Bars & Bullseye	Portland, Oregon
KPTV Twelve	6:30 AM	Bullseye-7	Portland, Oregon
KVAL Thirteen	9:30 AM	Indian Head	Eugene, Oregon



PORTLAND,  
OREGON



LOS ANGELES,  
CALIFORNIA



KLAMATH  
FALLS,  
OREGON

The statement to Robert Copper, Jr. drew my attention and I agreed with it entirely. By showing my sample copy to friends Mr. Cooper received a subscription and I am sorry that he did. I am not subscribing and I urge the rest of you not too. Someone that shows as much contempt as he does to a similar organization doesn't deserve our support. That's all I have to say about that.

The following article is from the Sunday Oregon Journal-Oregonian of Feb, 21, 1959.

Vidiotic, Vidiotic

by Jack Ostergren

"What's wrong with it?" I asked the repair man who was probing the expensive vitals of our television set.

He elbowed me in the eye as he reached for his tool box and mumbled, "Thermogidget got unsyncked and fraznicked the audio amplifier."

Several months later, in the middle of a favorite rigged quiz show, erratic zigzags of light began flashing across the screen and an "angk-angk-angk" sound belched forth from the speaker. Casy, my spouse, looked at me apprehensively. "Probably the thermogidget got unsyncked and fraznicked the audio amplifier again," I observed, squinting judiciously at our 21-incher.

"Huh?"

"I said, the sink gidgeted the fraznifier and thermoded the audio." I reviewed this mentally a moment and added, "Amplify."

Sasey way suitably impressed. "Can you fix it."

I peeked throught the ventilating holes in the back of the set and was nearly blinded by a brilliant light that flashed intermittently inside one of the tubes. Every time it flashed, the TV said, "Angk."

I pulled out the wall plug, allowed the set to sit until it became unsuspecting and then I extracted the tube, feeling like a druggist performing an appendectomy. In a store that was still open at that time of the night, I found a mate for the tube. I put it in the set, switched the whole mess on and sat back to watch the TV return to normal and to listen to plaudits from my wife.

"How about that?" she declared.

On a recent Monday night we couldn't bot a picture on channel 8. I peeked hopefully into the back of the set but nothing was flashing and nothing said, "angk."

"It can't be the fraznick getting unaudioded again," I reasoned. "So it must be something else."

I monkeyed with all the knobs on the control panel of the set. I monkeyed with all the adjustments on the back of the set. I kicked the set when my wife wasn't looking. After 37 minutes of this scientific experimentation, I was gratified when the picture leaped onto the screen.

"Good job!" applauded Casey. "What did you do, great wizard?" I smiled modestly. "Oh, I just adjusted the snc a bit and amplified the A.G.C. and a few other little things."

In the newspaper the next evening I noticed a brief story that I would have torn out and hidden from my wife, except that it would have left a suspicious hole in the page. The item reported that channel 8 had been off the air for 37 minutes the previous evening when an overheated power panel knocked out the transmitter.

As that great Roman, AnnoNirus, once said, "Sic transit gloria mundi which means, a sick transmitter loused up my glorious Monday."

So much for humor in this column.

Humor?????

I brought this up once before and maybe this time I will get some response. If we were to up our dues a couple of dollars we could afford to have our bulletin printed. I can get the linotyping done at I believe cut rates and I can print the bulletin at the High School print shop that I attend. Theat way we would print pictures and it would prove, I believe more enjoyable. Let me know your opinions. Well best of DX and 73's and anything else thats good.-----Charles Wood.

# AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

FCC NEWS

March 6, 1960

## GRANTS:

Ch 3 Douglas, Ariz. 0.595Kw, 0.372  
 Ch 4 Reno, Nev. 5.785Kw, 2.893  
 \*Ch 8 Vancouver, B.C. to get TV there  
 \*Ch 7 Winnipeg, also new there too.  
 Ch 9 Savannah, Ga. 316Kw-158 Kw.  
 Ch 10 Roswell, N.M. 332Kw-264 Kw.  
 Ch 10 Helena, Mont. .466Kw, 233Kw.  
 Ch 62 Tacoma, Wash Ed. 21.4- 11.5.

## APPLICATIONS.

Ch 9 Wausau, Wis. 316Kw- 158Kw.  
 Ch 12 Lamar, Colo. 0.292- 0.264.  
 Ch 13 Hilo, Hawaii 4.4 -2.6.  
 Ch 19 Kansas City, Mo. 18.08-9.83Ed  
 Ch 35 Springdale, Ark. 0.705-0.490.  
 Waco, Texas has a request in for a  
 channel 12 there...

## CALL CHANGES ETC...

Ch 4 KCPX-TV Salt Lake City, Utah from KTVI(TV)  
 Ch 5 WJPB-TV Weston, W.Va. 100Kw Vis. 60Kw Aud new call assigned  
 Ch 8(ed) WSIU-TV Carbondale, Ill. from WSIU(TV)  
 Ch 8 WIRM(TV) Iron Mt, Mich. new call.  
 Ch 8 KIFI-TV Idaho Falls, Idaho. new call.  
 Ch 9 KFOY-TV Hot Springs, Ark. from KNAC  
 Ch 12 KFBR(TV) Farmington, N.M. 31Kw.-15.5Kw/ new call.  
 Ch 12 KVER-TV Clovis, N.M. from KICA.  
 Ch 13 WITB(TV) Bowling Green, Ky./new call.  
 Ch 56 KTPS (Ed.) Tacoma, Wash./new call  
 Ch 71 WDTV(TV) Harrisburg, Pa. from WCMB-TV.

## Mis'l News.....

Some 54 UHF permissives to build UHF stations were told to start building or surrender their permits, and call letters-deleted.

Starting Feb 26 Canadians can look at pay television in the Toronto suburban areas and subscribe to same,.. some 2000 have subscribed to drop their coins in coin boxes to watch film programs etc...

Mexico now authorized to have two new TV stations- Mexico(Mexicali) and another in Aguascalientes.

WTVM(TV) has been granted modification of Lic. (Columbus, Ga.) to operate on ch 9 instead of ch 28.

WRBL-TV ch 3 Columbus, Ga. granted mod to operate on ch 3 not ch 4...

VITV(TV) ch 10 Charlotte Amalie, Virgin Islands will soon be in operation, next two months...(Virgin Islands first TV station.)

KSWO-TV Lawton, Okla oked to move Txmr and hike power up to 316Kw.

CHEK-TV ch 6 Victoria, B.C. up in power 100Kw. and 50Kw.

KDSJ-TV ch 5 Deadwood, S.D. now on the air.

KNBS ch 22 in Walla Walla, Wash. on the air..

WKST-TV ch 33 Youngstown, Ohio now operating on ch 33...

CHAU -TV ch 5 Carlton, Que. on the air, noticed and observed by Ron Boyd

CJCB-TV1 ch 6 (Satof CJCB-4) Inverness, N.S. noticed Nov 13th "

Norfolk, Va. may have it's 4 to 5 TV station by this time next year,

the info comes from Robert Berg The Clergy is seeking a ch 27

there and call of WTFC, meaning "Television for Christ"(otherEd.)

## New Members=====

Murray Mann of Omaha, Neb. also David Kanaar, Bflo

and Raul Medina V. of Nicaragua, Thanks to Doc Johnson for this one.

RENEWALS in are John Opyd, Chicago, Ill---Ed Shorey--Dick Nieman--

Tom Hidley-- James Mitchell-- John Black(thanks John  
for tape)

and D Quentin Glenn... Welcome all..!!!!

Art Collins.

Many many thanks for all those nice "getWell" Cards and letters plus the Telegrams and long distance phone calls in connection with my recent illness and hospital stay. It sure is nice to know I have so many friends.. My sincere thanks.(I'm on the mend.) Art Collins.



Ferdinand Dombrowski Jr from up in Wisconsin has sent in a very good record.

Number of States (including Alaska) 26

Number of Provinces 7

One station in each of the following countries. England, Northern Ireland, Scotland, Germany, Cuba

Ch.	2	33	Stations	farthest	KBOI	1450 miles	(58)	Photo
Ch.	3	22	Stations	farthest	CFRN	1400 miles	(59)	
Ch.	4	20	stations	farthest	CMBF	1460 miles	(51)	Photo
Ch.	5	15	stations	farthest	WPTV	1285 miles	(58)	
Ch.	6	11	stations	farthest	KRIS	1205 miles	(57)	
Ch.	7	7	stations	farthest	WJDM	930 miles	(51-53)	
Ch.	8	5	stations	farthest	WJW	380 miles	(59)	Photo
Ch.	9	6	stations	farthest	WSTV	490 miles	(58)	
Ch.	10	9	stations	farthest	WFBG	530 miles	(58)	verified
Ch.	11	4	stations	farthest	WTQL	265 miles	(59)	Photo
Ch.	12	7	stations	farthest	WNBF	690 miles	(54)	
Ch.	13	7	stations	farthest	WQED	500 miles	(58)	
UHF		24	stations	farthest	WSEE	35 450 miles	(58)	
					WAKR	49 400 miles	(58)	verified
					WFMJ	27 440 miles	(58)	
					WKST	45 440 miles	(58)	

Our fine member out in Festus Missouri R.J. Bingham has the following

test pattern information for his state.

KTVI	2	Indian Head	no call
KFEQ	2	Indian Head	with call
KYTV	3	Indian Head	no call
KTVO	3	RTMA	with call
WDAF	4	Indian Head	with call
KMCX	4	CBS bullseye	with call
KCMO	5	Indian Head	with call
KSD	5	Indian Head	no call
KMOS	6	RCA wedge	with call
KHQA	7	CBS bullseye	with call
KOMU	8	RCA wedge	with call
KMBC	9	Indian Head	no call
KETC	9	Indian Head	with call
KTTS	10	Indian Head	with call
KPLR	11	Indian Head	with call
KODE	12	Indian Head	no call
KFVS	12	Bullseye	with call
KRCG	13	CBS Bullseye	with call

Frank Hill from Gallipolis, Ohio has sent in his log. Frank has been DXing for 7 years and has a very good record.

No. stations received 281

No. stations verified 231

No. states seen 46

No. states verified 46

No. provinces seen & verified 8

No. countries seen & verified 6

Cuba 10 Canada 16 Mexico 1 Puerto Rico 1 Dominican Republic 1

Number ~~states~~ verified over 1000 miles 40

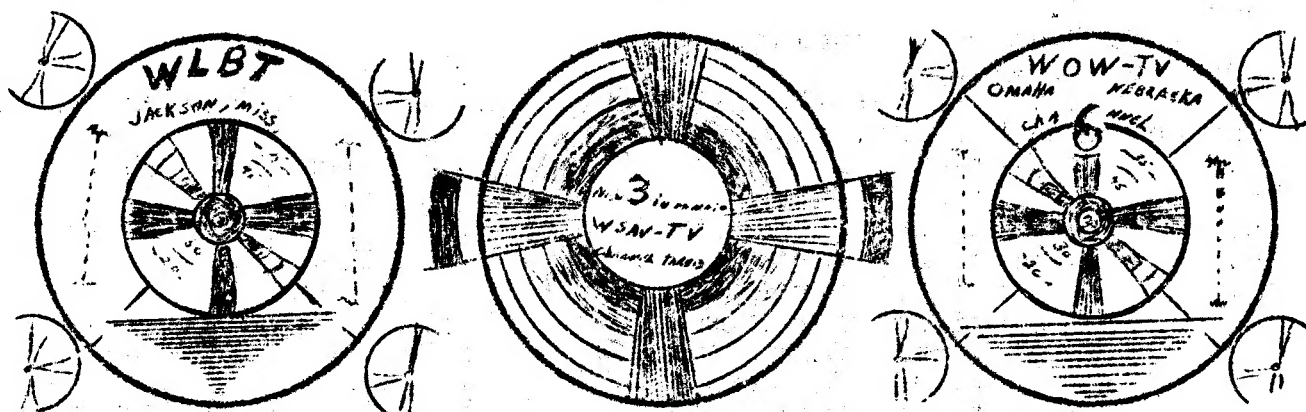
Number ~~states~~ verified over 2000 miles 5

Best low band verified CBUT 2 2120 miles

Best high band verified WIBW 13 875 miles

These are very good reports but as I have often said before some of you hardly send in any material at all. It doesn't matter how much or how little the report is it will get in this column.

Walter W. Spaulding Rd. # 3 Box 168 Cardington, Ohio



WLBT Jackson,  
ch.3 Miss.

WSAV-TV Savannah,  
ch.3 Georgia

WOW-TV Omaha,  
ch.6 Nebraska

\*\*\*\* \* \* \* \* \*

Ed Prond, Dolton, Ill.---All are tropes reception. Jan.17,WTOL-11; Jan.30,KPLR-11;Jan.31,KRNT-8 KHQA-7 WGEM-10;Feb.2,KFVS-12. His log is now at 129 with 2 new. (24 UHF)

Frank Wheeler, Erie, Pa.---Feb.4,WNEM-5 WILX-10; Feb.5,WNEM-5;Feb.13,WJIM-6. His log is now at 133 with 124 Verfied.

Thomas J. Hidley, Chicago, Ill.---Via M<sub>s</sub>, Feb.5,WKY-4;Feb.13,KRLD-4;Feb.20,KRLD-4. All others are tropes. Jan.30,KTVH-12 KRNT-8 KODE-12 KTTS-10 WHO-13 WTVP-17 WKJG-33 WFAM-18 WEEK-43 KPLR-11 WTVH-19 WMBD-31 WICS-20 WKNX-57;Jan.31,KMOX-4 KFVS-12 KTHV-11 WMSB-10 WFIE-14 WRAY-52 WEHT-50 WTVS-56;Feb.1,WKRC-12;Feb.2,KOMU-8;Feb.4,WEAU-13. No tropes opening seen like that in Buffalo for the past 7 months. His log is now at 129 with 9 new. (116 polaroid pictures)

Billy Draeb, Kewaunee, Wis.---All are tropes reception. Jan.29,KCRG-9;Jan.30,KROC-10 KRNT-8 WHO-13 KHQA-7 WTHI-10 WGEM-10 KODE-12 KOMU-8 WTOL-11 WTCN-11 WILX-10 WJRT-12 WISH-8 WLWI-13;Jan.31,WJBK-2 WJW-8 WSPD-13 WTOL-11 WILX-10 WJRT-12 WISH-8 WXYZ-7 WLWI-13 WTCN-11;Feb.2, KCRG-9;Feb.3,KWWL-7 KROC-10;Feb.20,WJRT-12. Log is now at 240.

Bill Eckberg, Walnut, Ill.---All are tropes reception. Jan.29, KTVH-12 KOLN-10 WTCN-11;Jan.30,KTVH-12 WIBW-13 KWTW-9 KTHV-11 KODE-12 KTTS-10 KMBC-9 WSJV-28 WKJG-33 WANE-15 WSBT-22 WNDU-16;Jan.31,WSPD-13 WNEM-5 WBNS-10 WXYZ-7 WJRT-12 WIBW-13 WKJG-33 KSLA-12 KMBC-9 KTTS-10 KTHV-11 WANE-15 WSBT-22 WFIE-14 WRAY-52 WFAM-18 WEHT-50 WLEX-18 WPTA-21 WTOL-11;Feb.1,WCPO-9 WNDU-16 WSBT-22 WFIE-14 WEHT-50 WSJV-28. His log is now at 203 with 2 new.

Gary Olson, Barrington, Ill.---All are tropes reception. Jan.30, KPLR-11 WTOL-11 KOMU-8 KHQA-7 WJRT-12 KCRG-9 plus good UHF. Jan,31, KODE-12 WTHI-10 KFVS-12 WJRT-12 WHO-13 KRNT-8 KHQA-7 KWWL-7 WGEM-10 KTHV-11 (675 miles) WTOL-11 KPLR-11 KOMU-8 WTTV-4 WRAY-52(tent.). This station must be on because Tom Hidley and Bill Eckberg received them on the same day. WLBC-49 WEHT-50 WFIE-14 WTVP-17 WNDU-18 WTVH-19 WSBT-22 WDAN-24 WKOW-27;Feb.1,WILL-12;Feb.2,KPLR-11. Log at 157 with 4 new.

Dave Kanarr, Buffalo, N.Y.---All are tropes reception. Feb.10, WJAC-6 KYW-3;Feb.22,KYW-3 WJBK-2 CKLW-9 CFPL-10 CHEX-12;Feb.27,WJBK-2 KYW-3 WWJ-4.

**S**pecial **N**otice \*\*\*\* Art Collins has received a late notice of a test with KMMT ch. 6 Austin Minn. now on 100,000 watts. They will test For A.I.P.A. March 26 Sat. from 3:00 to 4:00 AM EST. Also on Sunday March 27th from 3:00 to 4:00 AM EST. All reports should be sent to the Chief Engineer Leo Chenier. Bill Nieman, 16 Wasson St., Buffalo 10,N.Y

March 1960

FM-dx

AIPA

Phil Jacobs

6097 Macdonald Ave

Montreal Quebec

Hi! On the invitation of Art I became temporary editor of the FM column. This month's will be a short one as I have no reports. If you do or have done any DXing on the band please send me the totals so I can make a compilation to print. Also please send me reports of any FM-dx which you do. Thanks.

I have a tape recorder with 3 3/4 and 7 1/2 i.p.s. which takes up to 5" reels and I Brian Rawlings and I would like to hear from anyone who wants to correspond.

My FM receiver is an EICO model HFT-90. I am using an EICO amplifier with it. I have not done any FM DX yet except for CKVL-FM, CFCF-FM, CBM-FM and CBF-FM but I hope to get started now. I am using a Delhi Super Pirate antenna which is really fir TV.

Brian and I were very sorry to hear about Art being in the hospital. Get well soon, Art!!

Brian wrote an excellent resumé on the FM band in the February issue.

To Dennis Smith: The recorder is now OK. Send up another tape.

It was very nice to see John Black of London when he was here last month.

From WGCB, 1440 on AM in Red Lion, Pennsylvania, they are now on FM-96.1. No power was given. The sched. of WCAO-FM, 102.7 in Baltimore (also from an AM verie) is 5AM to 12M on weekdays and 8AM to 12M on Sundays. Local CKVL-FM operates 7AM to 12M weekdays.

Please send your reports so the column will keep going.

73 and good DX-

Phil

SOUTHERN DX  
March, 1960

--Compiled by: Donald Ruland,  
834 8th St., Holly Hill, Fla.

February seems to have been a rather poor month, except for some tropes the first couple days, which was limited mainly to the midwest.

Richard Bergen III, LaGrange, Kentucky---Via tropes: Jan31--KOMU-8; Feb1--KETC-9; Feb12--WSAZ-3; Feb13--WSAZ-3; Feb23--WSAZ-3. His log remains at 82.

Bedford Brown, Hot Springs, Arkansas---Via Es: Jan27--WMAR-2, CBFT-2 (?). His log is still at 340.

Donald Ruland, Holly Hill, Florida---Via tropes: Feb3--WJBF-6; Feb26--WJBF-6, WECT-6. Via MS: Feb4--WLWD-2, KMOX-4; Feb5--WLWD-2; Feb7--WJFK-2, WLWD-2; Feb10--WCBS-2, WMAR-2; Feb12--WLWD-2, WCBS-2; Feb15--WLWD-2, WCBS-2; Feb19--WLWD-2; Feb20--WCIA-3, KYW-3; Feb21--WBEM-2; Feb22--KIKK-2; Feb28--WBEM-2; Feb29--WCBS-2, WMAR-2.

Reports received here indicate the contest suggested last month is not suitable. It was suggested that another contest be introduced. If you care to enter the following contest, just write your total on a post-card and drop it in the mail. All you have to do is figure up your average mileage. This will entail your counting up the total number of miles of all your stations, and dividing by the number of stations in the log. Compute your answer to the nearest tenth of a mile. Here are four entrants so far and their scores:

DXer	Location	Stations	Av. Mileage
Jim Dillon	Regina, Saskatchewan	85	1056.5
Donald Ruland	Holly Hill, Florida	139	783.4
Frank Wheeler	Erie, Pennsylvania	133	597.3
Bill Draeb	Kewaunee, Wisconsin	238	572.3

The SDX Salute for this month goes to Frank Hill of Gallipolis, Ohio. Frank, 42 years of age, has 8 children and 2 grand-children; he has worked for the U.S. Forest Service and has been a W.P.A. timekeeper. He has been TV DXing for 7 years, and has received 281 TV stations, 232 verified, from 46 states. Equipment consists of a 1959 Motorola 21" console, a 1956 RCA 8" portable, and a Trio-Zephyr antenna. Frank has been in the AIPA for 6 years, and was host to the 1956 convention. He formerly wrote the "Rank" column (and was also the first AIPA editor to write biographies on members). Always out to get more members and to better the AIPA through newspaper articles, Frank is a "friend-to-all" in the AIPA.

As most of us know by now, there is a certain TV DXing magazine and its editor out to apparently destroy the AIPA. In the past, I have taken this and other related matters with a shrug of the shoulder. However, certain recent developments have brought me into the light of this controversy. I would like to make it clear that I am 100% for the AIPA, and anything mentioned to the contrary can be assumed as an outright lie. Barney Rauch wishes to bring out that he is still a "DXing DXer", no matter what any other individual says.

There are going to be claims made to you by this anti-AIPA organization, and promises of "greener grass" out of the AIPA. And believe me, unless you do your share (vote next month for one thing) you're not going to have an AIPA to come back to when you find that "green grass" is under a pile of manure!

Donald Ruland, SDX



March 6, 1960

" THE IMMENSITY OF SPACE "

The future is the " Helmented Astronaut " with his space suit flying in his own private rocket ship, powered with an Ion Motor, or perhaps a Atom rockabrator, including an electronic device that will defy gravity, also Radar Monitors, that he can keep in touch with the earth as well as space, way on out. Who knows what is instore for those who live here in the 21st Century ?

Scientist, Astronomers, and the public are becoming more space minded than ever before. The immensity of space is there, some of the mysteries will be solved and the deep and lofty truths will come to light.

A book may contain so many pages and chapters, yet is limited only to its own contents. But the immensity of space is so vast, it becomes unlimited. Our space cousins may be so far advanced in knowledge, that we may feel pretty inferior. The conditions in these other worlds, will be entirely differnt from our living here upon this earth. Many factors will be involved, atmospheric, plant life, food, housing, tempature, gravity, pressure, etc. All obstacles will have to be considered, for the correct answers. In the January issue of the bulletin, It was mentioned about the 700,000 stellar universes, and the number of 30 to 40 billion stars in our universe multiplied by 700,000 stellar universes giving us a total of twenty-one quadrillion orbiting worlds. Surely some where out in space, man may find one suitable to meet the same conditions as our earth.

This may be said, " Unto evry kingdom is given a law, unto every law there are certain bounds, also conditions. All beings who abide not in those conditions are not justified. Every space is occupied by some kingdom, that each kingdom is governed by law, and the laws are adapted to the conditions that prevail. The Almighty is capable of governing them all, that they move in their years, in their days, in their hours, minutes and seconds. All revolving like an enornus wheel. The courses of the planets are fixed, even the courses of the heavens and the earth. The earth rolls upon her wings, and the sun gives his light by day, and the moon gives her light by night, and the stars give their light as they roll upon their wings in glory, in the midst of the power of the Almighty.

Prominent astronomers have claimed that they have actually seen irrigation canals on Mars, while others have refused to except their statements of facts. Philosphers too have ranged them selves on opposite sides of the question. Most of the public have read Buck Rogers, Superman and science fiction stories, so we have to admit a lot of space travel is coming to pass. Our own government is spending millions of dollars on space research and rockets.

The Chicago Tribune Jan.20,1960 has pictures of wives of Astonauts who are training for first United States flights of humans into space.

Our Naval Research Laboratories, have made a major advance in Radar that can see over the horizon, and has effective range of 2600 miles. They call it Projest Madre, and its beam can be bent to pick up moving targets 2600 miles away.

Surely we are living in a world of many supernatural events. T V D' Xing also amazes the neighbors, some discount our stories of distance, and the number of T V Stations received. The future MAY BE RADAR D' XING ?

With Warmest regards to all T. J. Hidley

March 1960

4376 Wilson Avenue, Mtl.

INTERNATIONAL TV - DX COLUMN

Bryan Bawlings

Y AIFA Bulletin

This month now passing will probably see the end of the winter "slump" season that visits us each year at this time. DX usually picks up somewhat in April and is fairly good in May. Reports are slim this month and as a result so are the number of pages in this month's column.

**NEW STATION DEPT:** Add CBAFT, channel 11, Moncton, N.B. to the growing list of Canadian stations. This one is all in French and is Moncton's second station. The AM affiliate is widely heard 50 kw. CBA 1070 kc. at Sackville, N.B. Hearings take place this month in Montreal to decide who will get the green light for two new stations, one English, one French to operate on channels 10 and 12 in Montreal. There are 7 applicants for the French station and 5 for the English outlet.

**HAM-TV:** A ham TV demonstration will be transmitted in a few weeks time for the members of the Montreal Amateur Radio Club from VE2AFM-TV (422-428 mc.). A converter is marketed that tunes 400 - 500 mc. (Ham-TV and UHF channels 14 - 18) by the Electron Corp. of Dallas, Texas @ \$99.50 - oops. This month's issue of QST magazine shows photographs of a Test pattern transmitted across the Atlantic from New Jersey to England by WA2BQM on 29.96 mc/s. using a slow scan system to reduce the bandwidth to no more than that of a legal audio signal. FCC permission has been obtained for the test and interest is growing particularly in Britain where the hams are working on obtaining the necessary permission from their government.

**REPORTS:** Ferdinand S. Dombrowski believes that he heard the BBC audio once this winter. Mexican stations have been approved at Mexicali and Aguascalientes and an educational outlet for Mexico City. Thanks Ferdinand.

**FM-DX:** As you will probably notice this month's FM DX column is being written by Philip Jacobs, fellow AIPA'er.. The set-up on the FM-DX is still quite tentative and we are waiting to see how the interest in the column develops. Please drop Philip a card or letter with your suggestions and/or reports and we will try to get the ball rolling.

This month I was quite pleasantly surprised to have a telephone call and subsequent visit from John Black of Moffat, Ontario - presently at the University of Western Ontario at London. He was in town for the week-end and dropped up for a visit. Philip Jacobs, also of Montreal, was also present and tapes from Art Collins and Dennis Smith were heard and made. We all had a pleasant time of it.

**THE COMING MONTH:** The month of March should see little pick-up in the low activity in Es propagation. Warmer weather may produce several favorable weather fronts that will increase the chance of some trop disturbances. MS should be watched for as the return to summertime conditions may mean that weak bursts may not be seen under trop stations. This month, in particular, the chances of aurora are quite good

**LOCALLY** little DX has been noted with only the odd burst from WBBM-TV (2) by meteor scatter to liven things up.

**NEXT MONTH** I hope to have more material on hand and you can help in this respect by sending your reports to the above address. I am behind in my mail but all letters will be eventually answered. 73 till then and good DX.

BRYAN

NEWS IN BRIEF

The best news this month as we start to type up this column is that our Pres...ART COLLINS is on the road to recovery.

A letter arrived here a short while back from our good friend, ED HEPP of Pocatello, Idaho. ED writes that the radio station that he works for is now broadcasting 12 hours a week in stereo. He worked with the engineer from Jerrold Electronics in Philadelphia (he used to be Video engineer for American Bandstand.) Ed is now working at both the radio and tv stations about a total of 70 hours a week..... busy boy. Thanks for taking the time to write..always good to hear from you Ed.

Our southern dx editor from Holly Hill, Fla.....Donald Ruland, wrote me awhile back about his forth-coming contest in his column. Sounds like a good idea...support it fellows. Don received some unusual unid Es on Feb. 1...ch.4..XHTV or YSL ??? Nice to hear from you again.

A tape and a letter arrived here from DENNIS SMITH of Wasco, Cal. the other day. Dennis reports that he found a bookstore in Berkeley that had lots of old R.E. magazines. He now has practically all of them which had any articles about TV-DX. Dennis wants to make a tape for all of his tape friends while he is home for Easter Vacation, so if you have a tape from Dennis try to get it back to him by at least April 1st. While he was home at the end of January he IDed one new station, bringing his total up to 97...(you'll soon be over 100). His log reads: Jan. 28, KVIE-6 new/KCRA-3/KXTV-10/KHSL-12/KOVR-13/ all by tropes.

A very interesting letter is before me from our new member, Raul Medina in Nicaiaagua. He rec'd his first bullitin and enjoyed it very much. He is having a friend in Florida send him a Trio-Color Royal antenna (just like mine). He has been dxing with a conical type. His city is a lake port, surrounded by a chain of Mountains and volcanoes. His dx for this past month is as follows...Jan. 21, XEW-2 and XEW-3. Thanks for writing Raul.

JIMMY PIRCH of Richmond, Missouri reports that he rec'd some Es and some tropes this past month. Jan. 27 saw KMID-2 by Es..in the early afternoon and again in the evening. Jan. 30, KTHV-11/KPLR-11/KOTV-6/KARK-4/ all by tropes. Jan. 31, KTVI-2/KMOX-4/KSD-5/KTHV-11/KEVS-12/KPLR-11/ all by tropes. Feb. 1, WHBF-4/KPLR-11/KTVI-2/WGN-9/ all by tropes. No new loggings this month.

CHARLES WOOD Sent me his loggings for this past month..and it was very good to hear from him again...I was about to put him on my black list..for not reporting..hi.Jan. 11, KAVE/KGNC/KOB/KNME/ and unid ch. 13. Jan. 12, KOOK/by Es/Feb. 16, KOIN-6/KGW-8/KPTV-12 by tropes for the first time seen in many months. Real good to hear from you..

EDWIN SHOREY of Derby Kansas rec'd one new station for this past period. His log starts with, Jan. 29, KETV-7/KRNT-8/Jan. 30, KLTV-7/WFAA-8/KHQA-7/KOMU-8/Jan. 31, KFJZ-11/KRNT-8/WREX-13 at 545 miles NEW/ Ed rec'd a very nice verie from WREX-13. For about 2 hours on the eve. of Feb. 18, E skip was coming in with his antenna set towards XEW.. no id's tho.

THANKS TO ALL OF YOU WHO HAVE SENT ME YOUR CH. 2-6 LOG LISTINGS UNDER 1800 miles..(skip only) Would appreciate hearing from the rest of you.

Western DX con't..

## NEWS IN BRIEF

BARNEY RAUCH sent me his log listings of all Es rec'd under 1800 miles. for ch. 2-6. Thanks alot Barney. He reports that Jan. 30 is the first dx he's seen all winter. with tropes extremely good. The good dx seen elsewhere in the US this winter. has avoided the Pac. N.W.. send some of it up here next time.

MS seems to be picking up here the last few days of February.. no new ones logged..just some of the old stand-bys. No skip was seen here at all this past month..and no tropes, other than the usual ones..up to Vancouver, BC--CBUT-2..and over to KREM-2 in Spokane, Wash., and south to Portland, Oregon.

Here's hoping that I hear from alot more of you for next month's bulletin...It takes letters and reports to do this column

Best DX to all of you

DEE

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

MARCH 6, 1960

Co-Channel Interference Column by Bedford Brown, Jr., Apartment 4,  
2800 Rio Grande, Austin 5, Texas

NO REPORTS for the delinquent list or for the unidentified program list were received this month. Tv-dx is apparently at a very low ebb indeed with abnormally bad winter weather in most sections. Let's all hope for some improvement this month.

THE AIPA ANNUAL ELECTION OF OFFICERS WILL BE HELD NEXT MONTH. The April bulletin will contain a list of all AIPA members eligible to hold office. Enclosed in each bulletin will be an addressed post card with spaces for writing the names of your choices for each office. Officers to be elected include the following:

PRESIDENT

VICE-PRESIDENT

BOARD MEMBERS(6)

In voting it should be remembered that a president or vice president cannot be a board member also.

If for some reason you do not receive an April bulletin or a post card, you can still vote by writing to me here in Austin.

The election results will be published in the May bulletin.

Each year the AIPA has had a slight increase in the percentage of members ~~who~~ voting. Still only about half the organization took part in last year's election. Let's all show our interest in our club's affairs this year and VOTE!!!!

Until April, 73's and best dx for now, Bedford